



# THE BLURB

PHILMONT MOBILE RADIO CLUB INC.

OCTOBER  
1959

## WANTED

OCTOBER 5  
1959



HAM EQUIPMENT  
FOR  
PHIL-MONT AUCTION



# THE BLURB

Published Monthly by the  
Phil-Mont Mobile Radio Club, Inc.

VOL 9      October 1959      NO 10

## EDITOR

Robert G. Thomas W3QZQ HI 6-7330  
1712 Bellemead Ave. Havertown, Pa.

## STAFF

Publisher                      W3WNC  
Cartoonist                    W3YHV  
Technical Editor            W3DOU  
Typist                        KN5JQC  
New Members Chairman    W3CDY

## CIRCULATION & PRINTING

Superintendent            W3GOW  
W3JIL Boss Sticher        W3IW Kibitzer  
W3WNC Printer  
Aides...W3s NIP, GCP, DOU, K3DJE

The "Blurb" is published by and for the members of Phil-Mont to further the interest of Amateur Radio in general, and Mobile Radio in particular. We endeavor to keep news accurate, interesting, and in a small way, educational. Any deviation from this is unintentional. Copying and quoting is permitted, provided credit lines are included. Commercial use is not permitted and subscriptions are gladly exchanged with other radio clubs.

## DEADLINES

The Blurb is mailed on the last Thursday of the month. All material for the Blurb must be received by the Editor, QZQ, before the fifteenth of the month.

## 1959 CLUB OFFICERS

PRES.      John Tinaglia            W3AME  
V. PRES.    H. Paul Bohlander            W3VVE  
SEC. Y      Burton D. Baylis            W3IVD  
TREAS.      Robert M. Lachman            W3OEC  
Brd. of Dir: W3s NIP, FYI, QQH, QZQ, YJM  
and all 1959 Club officers

## MEETINGS

Regular meetings are normally held on the 1st MONDAY of the month. Check the Calendar at right for the exact date. Meetings are held at the Germantown Town Hall, at Germantown Avenue and Haines Street, starting at 2000 hours (8:00 PM).

## NET & NET FREQUENCIES

Ch 1 - 29493 Kcs                      Ch 3 - Unassigned  
Ch2 - 29626 Kcs                      Ch 4 - 50.7 Mcs  
Scrambled egg net, Weekdays, 2732-2830  
Ten on Ten, Sundays                1000-1100  
Blarney Sessions, Anytime, Ch 1 or 2  
29493 is monitored daily            0830-2400  
for the benefit of mobiles in Phila area.

## PMRC CALENDAR OF EVENTS

Oct 5      Regular Meeting, 8 P.M.  
Pgms: Auction  
  
Oct 20      Almo Show  
  
Oct 24      Midmonth Meeting, W3YJM Qth  
  
Nov 2      Regular Meeting  
  
Nov 7      1959 Banquet  
  
Nov 22      10-on-10 Round-Up

\*\*\*\*\*

Visitors to September meetings:

K3GNM  
K3JRH  
KN5JQC  
W3HDI

\*\*\*\*\*

Blurb Cover:

Photograph - W3QZQ  
Reproduction - W3YHV

\*\*\*\*\*

PLEASE ADDRESS ALL COMMUNICATIONS FOR  
THE BLURB TO THE EDITOR, W3QZQ.

\*\*\*\*\*

AUCTION OCTOBER 5.

AUCTION OCTOBER 5.

Auction October 5.

Auction October 5.

Auction October 5.

Auction October 5.

Auction October 5.

\*\*\*\*\*

## FROM THE PRESIDENT

The Fall program of activities for Phil-Mont is a full one. This month of October sees our club featured on the cover of QST, the long awaited annual auction, mid-month at the beautiful new QTH of YJM, the ALMO SHOW and a surprise entry by Phil-Mont, plus a few other surprises.

How was your vacation? You weren't alone. Between 72,000,000 and 75,000,000 people took a vacation and 85 percent of them travelled by car, driving an average of 1400 miles. If you were one of the lucky ones, we would be interested in a short report at one of our meetings, on your mobile radio operations, problems, and results.

What is a member? A member is the most important person in this club. A member is not dependent upon the Club; we are dependent upon him. A member is not an outsider to this Club; he is part of it. It is the job of the Club's officers to handle all his club problems so he receives the full enjoyment of Phil-Mont. Service to every member of Phil-Mont IS THE ACCEPTED RESPONSIBILITY and PLEASURE of your officers. Elect good, responsible officers. Suggest to your Nominating Committee the names of members you believe worthy of leading Phil-Mont in 1960. Nominations are in November and the election is in December. If you are asked to stand for election, agree to run if you possibly can. You are not too busy if you believe in Phil-Mont.

73 de W3AWH

\*\*\*\*\*

### October Meeting: AUCTION

You've all heard the auctioneer's count down, "Going, going -- GONE". There is no doubt about it, when Phil-Mont throws an auction, it's real GONE. The one to be held October 5 will be no exception if we can judge by W3WNC who has been manipulating his bottle of throat spray in preparation for his super auctioneering. The one thing that can toss a monkey wrench into the works is if YOU don't bring around some decent equipment for the event. This is the time of year when there is a lot of cold cash on hand, and with a new season of hamming just getting under way, there is a good market for gear in reasonable shape. EVERY BODY is invited, both in the way of buyers and sellers; in fact, the more from other clubs who show up, the better it will be. There is always plenty of VHF equipment as well as instruments, dynamotors and commercial stuff. As in the past, the club collects a ten percent commission on all items sold up to fifty bux selling price. If you can't make it, give what you want to get rid of to a friend who is coming, then sit back and wait for the dough to roll in. If you don't have anything to sell, which is hard to imagine, come on in and stand around like a big shot. Who knows - you might see something you want.

SSB is spreading like wild-fire in the club. W3FOG has just installed his new TA-33 beam on top of a forty foot sky hook, and is

knocking them dead on 15 and 20. W3GOW is going high power with a B & W GG KW driven by an HT-32 in a strictly non-mobile installation. Our lovable former ED is still struggling to get on sideband, but the missus is unconvinced that the household needs a new rig more than it needs a swimming pool. And finally, die-hard W3HFD has succumbed and gotten on SSB too!...The profile of W3UMK appeared in the recent SE Post article on ballooning, but, alas, there was no mention of ham radio. At least one of our boys made the big time... W3YJM is doing a slick job of handling 10-on-10, even if he does toss a few barbs at ED...W3CW is taking a course on transistors ...W3KDO is back in Florida, where he will remain at least until next summer...The Field day dinner went off in fine style. The boys had a private room (The Alpine Inn finally wised up as to why business drops off when PMRC has a meeting there) but only one of the FD winners - W3VXN - was on hand to collect his free feed. W3ILZ and W3DJV Were unable to collect their dinners, but word was passed along that VXN upheld the honor of the winning team in the food department too. The highlight of the evening was W3AJ0's look of astonishment when he found out the scoop of yellow stuff was butter and not orange sherbet...W3QQH displayed the Comm Truck one evening for the Intercounty S&L that was celebrating its opening in Chestnut Hill...W3WNC and KN3JQC are proudly showing nice color photos of W3DIZ in uniform...Picnics were the order

of the day on Sunday before Labor Day. IGW, YJM, and IW were up at Reading. ED, YL and KNC went to Valley Forge...W3JIL was surprised to find out how well he got out on a light bulb dummy antenna...W3ZGD, call of the Hilltop Transmitting Society, puts an unusually strong signal in this area all the way from Red Lion (near York) where they have a shack out in country...W3VXN is probably the only one who would think of driving from Roxborough to Broomall for a cup of coffee...Come to the AUCTION at the October meeting...W3UMK is temporarily out of business on ten meter mobile...W3KNC had a film on rocket firing for the September meeting, but there was insufficient time to run it. Hope it is still available later on...W3PKY brought his films of the Arctic and the BMEWS installation to the September meeting where he did a 1/c job of narrating despite heckling from the audience. Hope we can see more pix when the job is further along to completion. In the meantime, the VHF men are drooling over the thought of using those gigantic reflectors for 2 meter contacts with Asia...Once again there was a short auction of club-owned material. This month it was a set of fractional drills, a crystal pickup, and a phono preamp...Also as part of the program, W3VXN got the Getting Started in Mobile Radio series under way...The club is going to assist in TVI Committee work in the western suburbs, with W3WNC being coordinator...ED is finally getting back to work on the transistor marker oscillator...W3OEC is now back with the 0800 shift of the Western Division Net...W3NL has offered to let us have a Mimeograph machine, but the midmonth gang decided our present facilities are OK. Andy also repeated his offer to print photos for us...Come to the AUCTION at the October meeting...W3HQJ and Grace, in New York for the anniversary dental convention, were guests on the Garroway TV show...W3CHJ has just gotten a new Renault which will be equipped with a mobile rig shortly. Speaking of small cars, there is the Detroit manufacturer that claims he makes the biggest small car in the country...W3PKY has just converted a 32V-2 to a V-3, and now has a real signal, even if SGR did have to show him how...ED and YL recently stopped for dinner at the Petti Arms, near Media. The parking attendant displayed unusual interest in the mobile rig, and it turned out

that he was K3ARD. The call sounded familiar, so after a short chat, it was further revealed that this was the same guy who happened along right after the Comm Truck developed a flat tire while on the way to the first midway picnic at Havre de Grace. He was quite a help at that time in locating a service station that could change the flat. Sho is a small world...

#### ALMO SHOW

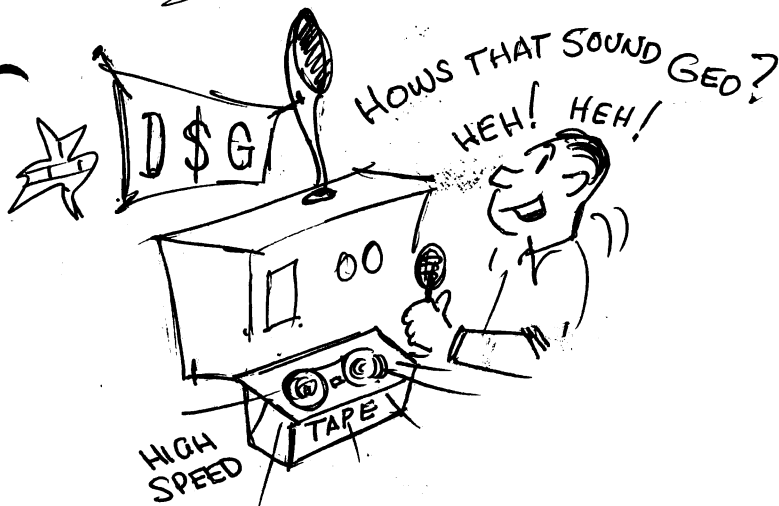
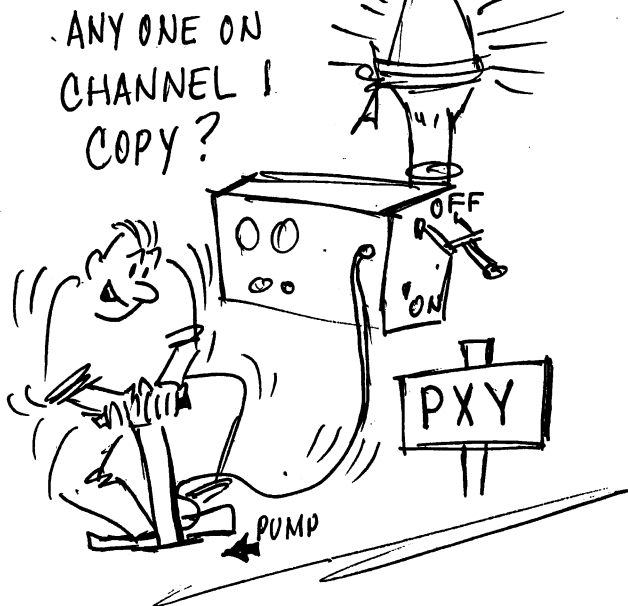
Tuesday, October 20

At the midmonth held at W3WNC's, when the subject of the Almo Ham Show came up there was not too much interest, although it was finally decided to have a continuous automatic slide show of a few minutes duration to illustrate the history of the club. Then W3NIP threw the place into an uproar with the reminder that the club was featured on the cover of this month's QSL, and that we should exploit the publicity for all it's worth. Before we knew it, plans were made to have an inflated weather balloon with suitable accessories, the equipment used on display, small penny balloons stamped with Gumbaudi, and plenty of propaganda. There is still plenty to do. A committee of W3VXN, W3AWH, K3DJE, W3NIP and W3QZ0 are going to work out the details. If you can possibly make it come down to the show which will be held at the Drake Hotel. It promises to be a ball!!!

The fellow who has been doing our cover cartoonery of late is Sam Kuncovich. Sam works with W3YHV at the Naval Base, and between them they have come up with some darn clever ideas. They really outdid themselves this month with the batch of specials on the adjacent page. Sam also drew the QSL commemorating W3JIL's balloon flight. YHV plans on bringing Sam around to a meeting soon so we can all meet him.

And then there were the new Bylaws that were to be distributed and approved... Last month we were in error in reporting that the coffee mugs would be available with your call AND name, but upon being set

# CHANNEL 1 EVESDROPPER'S REPORT



straight by K3DJE, wish to now note that the mugs will have the call only. The club emblem will be on the mug too, as previously mentioned. The order to the manufacturer will not be placed before everyone has had a chance to get his individual order in... W3WNC has a few more ideas on perfecting the remote mike shown last month... W3AWH has been chasing vibrator hash... W3AJ0 operated 6 meter mobile during his recent trip to Maine, but had poor luck raising contacts with the Communicator... W3QQH has a shack rebuilding project under way... W3SAI is angling for a new mobile rig... W3DEJ is back, being presently assigned to the QM Depot. Jonsey plans to stay in the Army a while longer to avail himself of the opportunity of retiring with a higher rate. A special Act of Congress allows him to remain in the service beyond the normal retirement age... If you were in the club a few years ago you probably recall K3BWG. Cliff is back from the Orient and now lives in California with his new bride... Come to the AUCTION at the October meeting.

#### BALLOONATICING

de W3UMK

On Sunday, September 13th, Tony Fairbanks and Connie Wolf made a series of balloon flights, starting for a change from Haverford. Before the take-off, however, Connie engineered several balloon "rides" for all the kids (and a few adults, too) while the balloon was allowed to rise to an altitude of about fifty feet. The first flight was to a point a mile or two north of Media, and just west of Providence Road; then they changed passengers, and took off again, landing down near Chester, where a tremendous crowd from a near-by development gathered in no time flat. Despite the nearness to the river, they took off again, and landed for the last time on a big playground west of the Borough of Traynor. Russ Spurr, a photographer for a Canadian weekly magazine, accompanied UMK and went on one of the three flights. Unfortunately UMK wasn't able to get him to a point for good landing pictures, but he took some pictures of WNC at his operating position while Hy was talking to one of the noted FMRC photographers, UVL. WNC, Barry and Anne also contributed some refreshments.

#### GOLF TOURNAMENT COVERAGE

de W3YJM

Phil-Mont performed their usual fine job of providing communications at the St.

David's Golf Club Sweepstakes Tournament held Sunday, September 13th. For the second time this job was carried out minus the services of W3QQH and in addition this time we were without another prominent member of the original team, W3HQJ, who was out of town. However, with W3LNQ and W3YJM holding down the bar, the second team of W3ADV, K3DJE, W3LNQ and W3YJM pulled off the job without any difficulty except that LNQ's walkie-talkie went dead and he couldn't call for any more cold beer. Otherwise everything went fine. Incidentally, QQH couldn't make it because he himself was playing golf. He reported that he shot 77, but refused to say what he had on the second nine. Actually he does much better at providing communications than at playing the game.

#### FMRC BANQUET

On November 7th, we will have our annual banquet. This year the banquet will mark the tenth anniversary of the organization and the Committee is going all out to make this one the best possible. In addition to the choice of roast beef or lobster tail dinner, there will be one hundred dollars in ladies' prizes and a fifty dollar mens' prize. The Committee has already received numerous donations from manufacturers and local radio stores as a result of letters they have recently written. So far fifty-four manufacturers and distributors have been contacted. There will be novel, but effective PA coverage this year. Other features will be a cake at each table, a floral center piece at each table to be given to one of the ladies seated there, three hours of music from W3RCE's five piece band and folding plastic rain caps for each lady. Prize winners will be selected in chronological order, and will choose any prize they want in that order. The bunch at midmonth were pushing for a requirement where all non-mobiles would have to wear a special hat, but don't count on that. Back to serious things: If you know of any commercial firm from which novelties can be obtained, let the committee know. Everybody is invited. The donation is \$5.00. We can handle a maximum of 250. W3QQH has tickets.

# PHILMONT TERNIGRAM

OCTOBER - 1959

BY W3CDY

Mobile operation breaks down into many phases and the most important are at the onset of your mobile activity. Lets take the installation of the equipment. We will discuss the problem in general and not specific equipment.

Number one problem; where is the place to connect to the battery supply? The best rule to start with is do not connect to the battery terminals directly. Why? First, corrosion, 2nd the bolts are never the right length and satisfactory replacement is difficult, 3rd, the physical approach is difficult as the lug from the radio cable may short to the battery case frame or fall into such a position that the cable pulls on it or tends to break it and 4th the mechanic who may have to service or change the battery will connect it poorly or leave it off entirely. To avoid all this use a hard and fast rule to always connect to hot terminal side of the starter solenoid and the ground to the same bolt, where the ground cable from the battery connects to the frame or engine. This is very important for trouble free operation.

The size of the primary wiring is very important to keep your voltage drop to a minimum. Regular wire tables in the Handbook cover this thoroughly. Terminals give more trouble because of improper use. Be sure to use the correct size, then if you use a solder type, sufficient heat is the secret to a good joint. Some-how, some-where get a heavy iron or a torch to make very sure the solder job is done well. The pressure type can only be put on with the proper tool. Either one will give too much drop in voltage unless fastened properly. After the rig is in operation you will be able to feel the terminal and if it shows any heating it is an indication of the losses. A third type is a clamp that tightens your cable by a single screw. This type is very practical and easy to use but harder to locate. Next lets consider the LV cable length. When mounting the power supply equipment in the trunk it is better to increase the size of the cable some to further reduce the voltage drop. If mounted under the hood your cable problem is simple. Make sure that the cable follows a course of least possible physical interference or damage, to or from, throttle linkage, fan, belts, brake and clutch pedals and transmission levers and linkage. Keep any cables away from exhaust manifold and ignition wiring. Shield all wiring entering or leaving the engine compartment that you install except the LV cables.

Running cables from the engine compartment and the receiving position to the trunk can be handled in two ways; under the car and thru the inside. Going under the car is dirty and difficult to do under the average hams facilities. You will have to cut one hole in the fire wall and one in the trunk to allow passage of the control and power cables. The best approach is to get the car to a lift at a service station after you are ready with your cable. The cable can then be started and the car placed on a lift and then the cable can be routed thru the channel frame of the car using care to stay clear of cables, drive shaft, exhaust system, rear axle, and shocks. Tape or clamp at front and rear ends of cables under the car and at other points where clearance cannot be obtained otherwise. If you have no clamps or straps, take a short piece of 300 ohm line and fold it around the cable or cables and put a self tapping screw thru the ends, using washers. Drill the proper size hole in the frame and fasten the cables in this manner. You can reduce the number of holes you need for cables to one, where going into the trunk, by running the LV cable under the car and the control inside the car. Putting all your cables inside the car is somewhat easier and quicker, however it has its difficulties too. You will need one hole in the fire wall to pass cables from the battery to feed the power supply in the trunk or to take the power from the supply to the units in the trunk.

LV power should never be taken from the ignition switch except for a few filaments and control circuits. Holes should only be cut in the fire-wall if you cannot find a knock-out which is not in use. Always protect your cables, where they pass thru the hole, by using a rubber grommet, a piece of garden hose or some heavy protective covering. Passing the cables to the trunk is best done by lifting the back seat and examining it carefully to find where there is the best clearance. At the front edge, where it rests on the floor or support and at the rear edge where the cables must pass to enter the trunk are the points that must be surveyed carefully. On some models the arch at the hump has clearance at the very top and others may have clearance on one side at the bottom of the arch. Some leave no room here but you may find a channel on each side just inside the rear door or next to the body if it is a two-door. Sometimes there is a covered channel running the entire length of the floor just inside the door, under the floor mat. On some of the older models there was a support panel curved to fit the seat, that obstructs your cable passage. In this case cut a hole thru the panel after lifting the cloth trim, then pass the cable thru this hole. When the cables are removed the cloth trim is pressed back in place. Since you may place your gear in the center of the instrument panel area, around the hump is the most convenient place for the cables. Pass the cables by lifting the mat and keeping in the corner provided by the juncture of the hump and the floor. Here they will not show. If you now want to continue thru the center of the car follow the same course to the trunk. If you find it necessary to go to one side you can cross to the side from the center by crossing under the front seat. Then along the side to the rear seat, under it and on to the trunk. In some models it may be necessary to free the bottom of the back of the rear seat in order to pass the cables. This may be necessary even though you will find clearance for the cables when the back is again fastened.

The points covered here appear simple and easy to follow. It has however proven to be these simple things that have caused more failures or poor performance than other causes.

There is much more to be said on the choice of location of antenna, the ignition problems, mounting the gear, ect. Many new approaches are now at our disposal to please the XYL in the way we install our new gear. This will help John to achieve his goal in getting more mobiles on the air.



## SWAP AND SHOP

For Sale:	Hallicrafter SX-71 Rcw with speaker	\$ 130.00
	Globe king Model 400 C 500 watts transmitter	225.00
	Harvey Wells TBS-50 D with Power Supply	90.00
	Viking I Transmitter, Match Box, VFO	
	low pass filter, TVI'ed	200.00
	Vibroflex Key Chrome & Jeweled bearings	18.00
	Bill Shaw W3BUR	
	Quakertown, Penna. Phone 272-2721	

.....  
5" RCA Scope 11 meg band width \$ 25.00  
HQ-129X Receiver 110.00

W3PKY

We have received an application from one whom many may remember hearing on the frequency. It is Al K3GMM, who was introduced to ham radio and Phil-Mont, by his brother Bill, W3YHV. Al is licensed, and a general at that, for less than a year. However, he has a fine communications background which is a natural for ham radio. Marion, the XYL, and Al, have 2 children (boys) of school age, whose care reduces the time that Al can spend on ham radio. He is getting gear ready for the car at the present time. Hope to hear you mobile soon, Al.

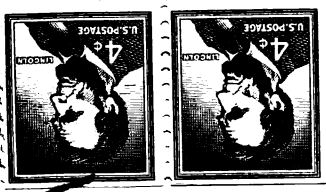
.....

5th

C. R. Spencer, WFOH  
124 Central Ave.  
North Hills Pa. 8

MEETING NOTICE

TIME VALUE



RETURN POSTAGE  
GUARANTEED



"THE BELIEF"  
A Phil-Mont Mobile Radio  
Club Publication  
2242 Cambridge Road, Broomfield, Pa.  
October 1959

